

# Enlarged COPIES of Forms PTO-1449

RIAL NUMBER

|                                                            |  |                                 |                               |
|------------------------------------------------------------|--|---------------------------------|-------------------------------|
| U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | 003493.00082                    | 09/617,494                    |
| INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT           |  | APPLICANT<br>Jin-Meng HO et al. |                               |
|                                                            |  | FILING DATE<br>July 14, 2000    | GROUP ART UNIT<br>-2665- 2664 |



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| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE      | NAME        | CLASS | SUB<br>CLASS | FILING<br>DATE |
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|                     |                    |           |             |       |              |                |

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| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE      | COUNTRY | CLASS | SUB<br>CLASS | TRANSLATION<br>YES/NO |
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*Chen Shu*

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

|                        |                    |
|------------------------|--------------------|
| Application Number     | 09/617,494         |
| Filing Date            | July 14, 2000      |
| First Named Inventor   | Jin-Meng Ho et al. |
| Art Unit               | 2665-2664          |
| Examiner Name          | Huy-Duy Vu SHAH.C  |
| Attorney Docket Number | 003493.00082       |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No.* | Document Number |                       | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
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|-----------------------|--------------|-------------------------|---------------------------------|-----------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------|----|
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/617,494  
 Filing Date July 14, 2000  
 First Named Inventor Jin-Meng Ho et al.  
 Art Unit 2665  
 Examiner Name Huy-Duy Vu SHU.C  
 Attorney Docket Number 003493.00082

Sheet 2 of 3

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. 1 | Document Number                            |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|---------------|--------------------------------------------|--|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
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| Q.S.                   |               | US-6,515,972                               |  | 02-04-2003                     | Gage et al.                                        |                                                                                 |
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|                        |               | US-6,577,609                               |  | 08-10-2003                     | Sharony                                            |                                                                                 |
|                        |               | US-6,587,457                               |  | 07-01-2003                     | Mikkonen                                           |                                                                                 |
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|                        |               | US-6,590,885                               |  | 07-08-2003                     | Jorgensen                                          |                                                                                 |
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| Application Number     | 09/617,494         |
| Filing Date            | July 14, 2000      |
| First Named Inventor   | Jin-Meng Ho et al. |
| Group Art Unit         | 2665-2664          |
| Examiner Name          | Huy-Duy Vu SHAN.C  |
| Attorney Docket Number | 003493.00082       |

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of<br>the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue<br>number(s), publisher, city and/or country where published. | T <sup>2</sup> |
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*Cheng Shih* 10/24/05

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| First Named Inventor   | Jin-Meng Ho et al.   |
| Art Unit               | 2665-2664            |
| Examiner Name          | Huy Duy Vu - SHAN. C |
| Attorney Docket Number | 003493.00082         |

Sheet 1 of 1

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| Examiner<br>Initials * | Cite<br>No. 1 | Document Number<br>Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
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Application Number 09/617,494

Filing Date July 14, 2000

First Named Inventor Jin-Meng Ho

Art Unit 2665 2664

Examiner Name Huy-Duy Vu SHAH.C

Attorney Docket Number 003493.00082

### U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. <sup>1</sup> | Document Number                            |  | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---------------------|-----------------------|--------------------------------------------|--|-----------------------------|-------------------------------------------------|---------------------------------------------------------------------------|
|                     |                       | Number - Kind Code <sup>2</sup> (if known) |  |                             |                                                 |                                                                           |
| CLS                 |                       | US-5,623,495                               |  | 04-22-1997                  | Eng et al.                                      |                                                                           |
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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|------------------------|---------------------|
| Application Number     | 09/617,494          |
| Filing Date            | July 14, 2000       |
| First Named Inventor   | Jin-Meng Ho         |
| Art Unit               | 2665-2664           |
| Examiner Name          | Huy-Duy Vu S.M.H. C |
| Attorney Docket Number | 003943.00082        |

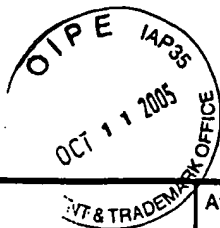
### NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
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*Chun-Hua* 10/24/05

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## Form PTO-1449

## Information Disclosure Citation

Attorney Docket

2000-0401

Application No.

09/617,494

Applicant

Jin-Meng HO *et al.*

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

## U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date    | Name                 | Class | Sub-Class | Filing Date |
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|                   | B    | 6,262,976                   | 7/2001  | McNamara             |       |           |             |
|                   | C    | 6,600,744                   | 7/2003  | Carr <i>et al.</i>   |       |           |             |
|                   | D    | 6,538,989                   | 3/2003  | Carter <i>et al.</i> |       |           |             |
|                   | E    | 6,625,156                   | 9/2003  | Shaio <i>et al.</i>  |       |           |             |
|                   | F    | 6,452,915                   | 9/2002  | Jorgensen            |       |           |             |
|                   | G    | 6,317,438                   | 11/2001 | Trebes, Jr.          |       |           |             |
|                   | H    |                             |         |                      |       |           |             |
|                   | I    |                             |         |                      |       |           |             |
|                   | J    |                             |         |                      |       |           |             |
|                   | K    |                             |         |                      |       |           |             |

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| <b>Form PTO-1449</b><br><br><b>Information Disclosure Citation</b> |  |                           |  | Attorney Docket |  | Application No. |  |
|                                                                    |  |                           |  | 2000-0401       |  | 09/617,494      |  |
|                                                                    |  |                           |  | Applicant       |  | Examiner        |  |
|                                                                    |  | Jin-Meng HO <i>et al.</i> |  | Chirag G. SHAH  |  |                 |  |
|                                                                    |  | Application Filing Date   |  | Group Art Unit  |  |                 |  |
|                                                                    |  | July 14, 2000             |  | 2664            |  |                 |  |

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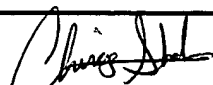
  

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| Examiner Initials        | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|                          | L    |                 |      |         |      |       |           | Yes No      |
|                          | M    |                 |      |         |      |       |           | Yes No      |
|                          | N    |                 |      |         |      |       |           | Yes No      |
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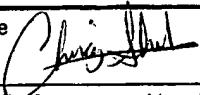
| Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) |   |                                                                                                                                                    |
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| CSS                                                                    | Q | Cali <i>et al.</i> "IEEE 802.11 Wireless LAN: Capacity Analysis and Protocol Enhancement," <i>IEEE</i> , 0-7803-4386-7/98, pages 1-8, 1998.        |
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|                                                                        | S |                                                                                                                                                    |

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| <b>Form PTO-1449</b><br><br><b>Information Disclosure Citation</b>                                                                                                                                                                                        |      |                                                                                                                                                                                                                                |         | Attorney Docket<br>2000-0401             |       | Application No.<br>09/617,494 |             |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------|-------|-------------------------------|-------------|-------------|
|                                                                                                                                                                                                                                                           |      |                                                                                                                                                                                                                                |         | Applicant<br>Jin-Meng HO <i>et al.</i>   |       | Examiner<br>Chirag G. SHAH    |             |             |
|                                                                                                                                                                                                                                                           |      |                                                                                                                                                                                                                                |         | Application Filing Date<br>July 14, 2000 |       | Group Art Unit<br>2664        |             |             |
| <b>U.S. Patent Documents</b>                                                                                                                                                                                                                              |      |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
| Examiner Initials                                                                                                                                                                                                                                         | Cite | Patent / Application Number                                                                                                                                                                                                    | Date    | Name                                     | Class | Sub-Class                     | Filing Date |             |
| C.S.S.                                                                                                                                                                                                                                                    | A    | 5,623,495                                                                                                                                                                                                                      | 4/1997  | Eng <i>et al.</i>                        |       |                               |             |             |
| C.S.S.                                                                                                                                                                                                                                                    | B    | 5,982,748                                                                                                                                                                                                                      | 11/1999 | Yin <i>et al.</i>                        |       |                               |             |             |
|                                                                                                                                                                                                                                                           | C    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | D    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | E    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | F    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | G    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | H    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | I    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | J    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | K    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
| <b>Foreign Patent Documents</b>                                                                                                                                                                                                                           |      |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
| Examiner Initials                                                                                                                                                                                                                                         | Cite | Document Number                                                                                                                                                                                                                | Date    | Country                                  | Name  | Class                         | Sub-Class   | Translation |
|                                                                                                                                                                                                                                                           | L    |                                                                                                                                                                                                                                |         |                                          |       |                               |             | Yes No      |
|                                                                                                                                                                                                                                                           | M    |                                                                                                                                                                                                                                |         |                                          |       |                               |             | Yes No      |
|                                                                                                                                                                                                                                                           | N    |                                                                                                                                                                                                                                |         |                                          |       |                               |             | Yes No      |
|                                                                                                                                                                                                                                                           | O    |                                                                                                                                                                                                                                |         |                                          |       |                               |             | Yes No      |
|                                                                                                                                                                                                                                                           | P    |                                                                                                                                                                                                                                |         |                                          |       |                               |             | Yes No      |
| <b>Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)</b>                                                                                                                                                                             |      |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
| C.S.S.                                                                                                                                                                                                                                                    | Q    | Zhijun, Gong, <i>et al.</i> "QoS guaranteed Wireless LAN—Wireless access to ATM", <i>International Conference on Communication Technology, ICCT'98</i> , October 22-24, 1998, Beijing, China, pages S31-11-1 through S31-11-5. |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | R    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
|                                                                                                                                                                                                                                                           | S    |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |
| Examiner Signature                                                                                                                                                     |      |                                                                                                                                                                                                                                |         | Date Considered<br>10/24/05              |       |                               |             |             |
| <small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</small> |      |                                                                                                                                                                                                                                |         |                                          |       |                               |             |             |

6/21/2004 from 2000-0403

## Form PTO-1449

## Information Disclosure Citation

Attorney Docket

2000-0401

Application No.

09/617,494

Applicant

Jin-Meng HO *et al.*

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

## U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date   | Name                       | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|--------|----------------------------|-------|-----------|-------------|
| C.S.S.            | A    | 6,366,577                   | 4-2002 | Donovan                    |       |           |             |
|                   | B    | 5,638,371                   | 6-1997 | Raychaudhuri <i>et al.</i> |       |           |             |
|                   | C    | 6,728,365                   | 4-2004 | Li <i>et al.</i>           |       |           |             |
|                   | D    | 6,738,361                   | 5-2004 | Immonen <i>et al.</i>      |       |           |             |
|                   | E    | 6,628,629                   | 9-2003 | Jorgenson                  |       |           |             |
|                   | F    |                             |        |                            |       |           |             |
|                   | G    |                             |        |                            |       |           |             |
|                   | H    |                             |        |                            |       |           |             |
|                   | I    |                             |        |                            |       |           |             |
|                   | J    |                             |        |                            |       |           |             |
|                   | K    |                             |        |                            |       |           |             |

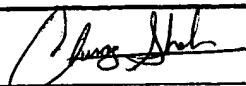
## Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
|                   | L    |                 |      |         |      |       |           | Yes No      |
|                   | M    |                 |      |         |      |       |           | Yes No      |
|                   | N    |                 |      |         |      |       |           | Yes No      |
|                   | O    |                 |      |         |      |       |           | Yes No      |
|                   | P    |                 |      |         |      |       |           | Yes No      |

## Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

|        |   |                                                                                                        |  |  |  |  |  |
|--------|---|--------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| C.S.S. | Q | RFC 2814, Yavatkar <i>et al.</i> , "SBM (Subnet Bandwidth Manager)", May 2000, www.ietf.org.           |  |  |  |  |  |
| C.S.S. | R | RFC 2205, Braden <i>et al.</i> , "Resource Reservation Protocol (RSVP)", September 1997, www.ietf.org. |  |  |  |  |  |
|        | S |                                                                                                        |  |  |  |  |  |

Examiner Signature



Date Considered

10/24/05

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10/13/2004 from 2000-0406

|                                                                    |  |  |  |                                          |  |                               |  |
|--------------------------------------------------------------------|--|--|--|------------------------------------------|--|-------------------------------|--|
| <b>Form PTO-1449</b><br><br><b>Information Disclosure Citation</b> |  |  |  | Attorney Docket<br>2000-0401             |  | Application No.<br>09/617,494 |  |
|                                                                    |  |  |  | Applicant<br>Jin-Meng HO <i>et al.</i>   |  | Examiner<br>Chirag G. SHAH    |  |
|                                                                    |  |  |  | Application Filing Date<br>July 14, 2000 |  | Group Art Unit<br>2664        |  |

| U.S. Patent Documents |      |                             |         |                         |       |           |             |
|-----------------------|------|-----------------------------|---------|-------------------------|-------|-----------|-------------|
| Examiner Initials     | Cite | Patent / Application Number | Date    | Name                    | Class | Sub-Class | Filing Date |
| 0.55<br>↓             | A    | 6,411,611                   | 06/2002 | van der Tuijn           |       |           |             |
|                       | B    | 6,741,576                   | 05/2004 | Alimi <i>et al.</i>     |       |           |             |
|                       | C    | 6,747,968                   | 06/2004 | Seppala <i>et al.</i>   |       |           |             |
|                       | D    | 6,785,252                   | 08/2004 | Zimmerman <i>et al.</i> |       |           |             |
|                       | E    | 6,119,214                   | 09/2000 | Dirks                   |       |           |             |
|                       | F    | 6,738,361                   | 05/2004 | Immonen <i>et al.</i>   |       |           |             |
|                       | G    | 6,597,682                   | 07/2003 | Kari                    |       |           |             |
|                       | H    | 6,115,390                   | 09/2000 | Chuah                   |       |           |             |
|                       | I    | 6,034,967                   | 03/2000 | Citta                   |       |           |             |
|                       | J    | 6,765,872                   | 07/2004 | Tazaki                  |       |           |             |
|                       | K    | 6,704,321                   | 03/2004 | Kamiya                  |       |           |             |
|                       | L    | 6,563,793                   | 05/2003 | Golden <i>et al.</i>    |       |           |             |

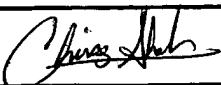
  

| Foreign Patent Documents |      |                 |      |         |      |       |           |             |
|--------------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| Examiner Initials        | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|                          | M    |                 |      |         |      |       |           | Yes No      |
|                          | N    |                 |      |         |      |       |           | Yes No      |
|                          | O    |                 |      |         |      |       |           | Yes No      |
|                          | P    |                 |      |         |      |       |           | Yes No      |
|                          | Q    |                 |      |         |      |       |           | Yes No      |

| Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) |  |
|------------------------------------------------------------------------|--|
| R                                                                      |  |
| S                                                                      |  |
| T                                                                      |  |

|                                                                                                        |                             |
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| Examiner Signature  | Date Considered<br>10/24/05 |
|--------------------------------------------------------------------------------------------------------|-----------------------------|

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10/13/2004 from 2000-0404

|                                                                                                       |  |                         |  |                 |  |                 |  |
|-------------------------------------------------------------------------------------------------------|--|-------------------------|--|-----------------|--|-----------------|--|
| <h2 style="margin: 0;">Form PTO-1449</h2> <h3 style="margin: 0;">Information Disclosure Citation</h3> |  |                         |  | Attorney Docket |  | Application No. |  |
|                                                                                                       |  |                         |  | 2000-0401       |  | 09/617,494      |  |
|                                                                                                       |  |                         |  | Applicant       |  | Examiner        |  |
|                                                                                                       |  | Jin-Meng HO et al.      |  | Chirag G. SHAH  |  |                 |  |
|                                                                                                       |  | Application Filing Date |  | Group Art Unit  |  |                 |  |
|                                                                                                       |  | July 14, 2000           |  | 2664            |  |                 |  |

| U.S. Patent Documents                                                                                                                                |      |                             |         |                         |       |           |             |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------|---------|-------------------------|-------|-----------|-------------|
| Examiner Initials                                                                                                                                    | Cite | Patent / Application Number | Date    | Name                    | Class | Sub-Class | Filing Date |
| <div style="font-size: 2em;">C-S</div> <div style="font-size: 4em; margin-top: 20px;">↓</div> <div style="font-size: 2em; margin-top: 20px;">V</div> | A    | 5,949,768                   | 09-1999 | Citta <i>et al.</i>     |       |           |             |
|                                                                                                                                                      | B    | 6,377,548                   | 04-2002 | Chuah                   |       |           |             |
|                                                                                                                                                      | C    | 6,567,416                   | 05-2003 | Chuah                   |       |           |             |
|                                                                                                                                                      | D    | 6,587,453                   | 07-2003 | Romans <i>et al.</i>    |       |           |             |
|                                                                                                                                                      | E    | 6,704,932                   | 03-2004 | Matsunaga <i>et al.</i> |       |           |             |
|                                                                                                                                                      | F    | 6,747,968                   | 06-2004 | Seppala <i>et al.</i>   |       |           |             |
|                                                                                                                                                      | G    | 6,754,176                   | 06-2004 | Gubbi <i>et al.</i>     |       |           |             |
|                                                                                                                                                      | H    | 6,788,950                   | 09-2004 | Raissinia <i>et al.</i> |       |           |             |
|                                                                                                                                                      | I    |                             |         |                         |       |           |             |
|                                                                                                                                                      | J    |                             |         |                         |       |           |             |
|                                                                                                                                                      | K    |                             |         |                         |       |           |             |

| Foreign Patent Documents |      |                 |      |         |      |       |           |             |
|--------------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| Examiner Initials        | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|                          | L    |                 |      |         |      |       |           | Yes No      |
|                          | M    |                 |      |         |      |       |           | Yes No      |
|                          | N    |                 |      |         |      |       |           | Yes No      |
|                          | O    |                 |      |         |      |       |           | Yes No      |
|                          | P    |                 |      |         |      |       |           | Yes No      |

| Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) |  |
|------------------------------------------------------------------------|--|
| Q                                                                      |  |
| R                                                                      |  |
| S                                                                      |  |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|                    | 10/24/05        |

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